# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Monday 12 Dec 2022 until 23:59 on Tuesday 13 Dec 2022

Forecast Issued on Monday 12 Dec 2022 at 02:32

**Confidence:** High for the cold conditions continuing. Medium for cloud detail, becoming Low for any snow details from Wednesday.

**Headline for Monday 12 Dec 2022:** Dry and cold. Often cloudy.

**Mountain weather hazards on Monday 12 Dec 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Partly cloudy (night) | Sunny intervals | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | |
| 00% | 00% | <05% | <05% | 10% | 10% |

**Forecast for Monday 12 Dec 2022**

**Weather:** Some patchy mist or freezing fog possible in the valleys, which will be slow to clear. Otherwise dry with some bright spells at first, but turning cloudier through the day, with the odd light snow flurry possible later in the afternoon.

**Chance of cloud-free hill tops above 600m:** 70% becoming 40%

**Low cloud and visibility:** Occasional becoming extensive cloud, base around 400-500m. Visibility good or very good with clear views of distant hills, but very poor in freezing fog or snow and in low cloud covering the hills with nearby landmarks obscured.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Monday 12 Dec 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/6 SE | 6/10 SE | 9/14 SE | 9/12 SE | 9/12 E | 9/12 E | 9/12 SE |
| **300** | 3/3 S | 4/5 E | 4/9 SE | 6/10 E | 6/10 E | 7/12 E | 6/12 E |
| **Valley** | 1/4 SE | 1/4 NE | 3/8 SE | 5/10 E | 5/12 E | 7/14 E | 6/13 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -2/-4 | -2/-5 | -2/-7 | -3/-8 | -3/-8 | -3/-8 | -4/-9 |
| **300** | -2/-3 | -1/-4 | 0/-2 | -0/-3 | -1/-4 | -1/-5 | -1/-5 |
| **Valley** | -3/-5 | -3/-5 | 1/-1 | 0/-2 | -1/-4 | -1/-4 | -1/-4 |
| **Freezing Level*** | 00m | 00m | 100m | 200m | 00m | 100m | 00m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A cold winter's day. Most surfaces will be frozen.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Mon 12 Dec 2022 | 0.2mm | 1mm | 1.2mm |

**Forecast for Tuesday 13 Dec 2022**

**Weather:** Some low cloud overnight, with patchy mist or freezing fog possible in the valleys, which will be slow to clear. Otherwise mainly dry with sunny or clear spells. Cold with a frost in most areas throughout. Chance of a few snow flurries overnight, easing during the morning. Low cloud re-developing later.

**Maximum wind:** Variable 10mph.

**Chance of cloud-free hill tops above 600m:** 60%

**Low cloud and visibility:** Occasional low cloud, base 400-500m possible. Visibility good or very good with clear views of distant hills, but very poor in freezing fog or snow, and in low cloud covering the hills with nearby landmarks obscured.

**Temperature:** **Valleys:** Minus 2 Celsius rising to plus 1 Celsius around the middle of the day.
**At 600m:** Minus 4 Celsius
**Freezing level:** All levels

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